

## CRYOCOOLER SERVICE REPORT

**Date of work:** 9-3/4-2004

**Beamline:** 12

**Requestor:** J. Linton

**Vessel serial no:** AMG01100/56

**Pump serial no:** 15-J-95

**Oxford series:** C

**Pump operating hours:** 52522

**Technician(s):** D. Burke

### Summary of work:

1. Pump bearing replace; impeller gap to 0.015"; bearing run-in per manual.
2. Cleaned inside and outside of pump and vessel due to rust. Cleaned residue and oil smell in motor coupling housing, shaft and cold end bearing. Cleaning done with alcohol.
3. Helium leak check high pressure loop: no leaks found.
4. Evacuate vessel jacket and three bayonets.
5. Replaced casters.

[pdf/Request13IDMay2004.pdf](#)

[Link to copy of logbook notes](#)

[Link to LN2 pump manual](#)